

**Original/Duplicate/Triplicate
CONTRACT CERTIFICATE**
(For Other Works)

AFS YNK SUB. DIV. 2017.
SBR No. 26/17-18
Date: 31/5/17

No. 1st & Final

Division: BBMP / YNK

Bill Received No.

YNK-DBR No. 47
Date: 31.05.17

Sub-Division: Yelahanka Sub - Division.

Divisional

Cash Book Voucher No. Dated

Sub Divisional

Work Code: 002-17-000016.

Schedule Docket No. Head of Account:

Est. Cost: 25.00 Lakhs B.R. No. :

Name of Work : Improvements of roads and drains at Susheelamma layout in ward no-02 of yelahanka Sub division.

Name of Contractor and Full Address: Technical Manager (West) KRIDL, BBMP, Bangalore.

Reference to Agreement No. EE/YNK.D/ W.O/113/2016-17.

Date: 27-01-2017.

Certified that the measurements were taken by me on and recorded of Pages 465430 to 465439 of measurement Book No. 4655 and that the work is satisfactorily executed.

Contractor [Signature] Assistant Executive Engineer
Certified that the measurements were taken by me on 25/5/17 and found correct. The work is satisfactorily executed.

Officer-in-charge of work

Byataravanapura Sub-division
KRIDL, BBMP, Bangalore
I certify that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being percent Rs.		
3) " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher		
No. Dated S.D. No.		
adjusted towards cash advance recovery of		
b) Payments } cost store or other material supplied.		
Now made } recovery of amount creditable to this/other work		
} Amount paid on this bill Cheque / Cash.		
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No.		
dated less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted -		

1st & Final 2475756=00

FSD Amount 123778=00

IT 49515=00

VAT 99031=00

LC 24758=00

CBF 2435=00

LR 32653=00

T=0 338210=00

Net 2137546=00

Received Rs. (in words)

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Contractor's Signature
Assistant Executive Engineer
Byataravanapura Sub-division
KRIDL, BBMP, Bangalore
(For use in the Office)

Witness

1.

2.

Dated

Signature of Contractor

Paid by

Assistant Executive Engineer

Cash

Byataravanapura Sub-division

Dated

KRIDL, BBMP, Bangalore

Initials of Officer making payment

Audited & Admitted for Rs. 2475756=00

Stamp

2137546=00

and Rs.

338210=00

by Cheque

by adjustment

Executive Engineer

[Signature]
Assistant Executive Engineer
Yelahanka Division
BBMP

[Signature]
Ex. Engineer
Yelahanka Division
BBMP

Sl no	Description of work	Unit
1	Removing B S Slab of drain and stacking	Sqm
2	KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications MORTH / Chapter 3	Cum.
3	Refixing stone slabs of drains and pointing C M (1:3)	Sqm
4	KSRRB 2-1.1 Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications	cum
5	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate / sand / kaner / Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter	cum
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete 7.5 cms thick	Sqm
7	Providing and fixing RCC precast Slabs of 0.10 m thick of CC 1:2:4 with 20 mm and down size graded granite metal, machine mixed, including cost of all material, labour, HOM of Machinery, curing complete	Sqm
8	KSRRB 5-11 Providing and constructing load bearing wall with cement concrete cavities blocks (hollow blocks) of proportion 1:5:3 blocks of size 40x20x20cms (lxbxh) strength not less than 50kg per sqm with cement mortar 1:4 conforming to IS 2185 of 1957 having not less than 40mm shell thickness with two or more large cavities and having solid material between including cost of materials, labour charges, scaffolding, curing complete as per specifications.	sqm
9	KSRRB 4-1.7 Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.84cum and fine aggregates @ 0.56cum machine mixed concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum.
10	5.25(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C C 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete.	Nos
11	Clearing the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5	Sqm
12	KSRRB M400-6.1 Construction of granular sub-base by providing close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method Close graded granular sub-base material as per 400-1 For Grading- II Material (P No. 155 II No. 20.4.2)	cum
13	KSRRB M400- Wet Mix Macadam - KSRRB M400-17 Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P No. 158 I No. 20.18)	Cum.
14	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH Specification No. 502 (P No. 160/II No. 21.6)	sqm
15	KSRRB M500- 15 Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and, transporting the hot mix to work site, laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specification No. 507	Cum.
16	KSRRB 500-7 Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG20) on the prepared black topped surface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per Specifications (P No. 160 & I No. 21.7)	sqm
17	KSRRB M500- 15 Providing, laying bituminous concrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 6% VG 30 grade bituminous binder and, transporting the hot mix to work site, laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.9 complete in all respects complete as per specifications MORTH Specification No. 509	cum
18	KSRRB M800-13 Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm
19	KSRRB 15.19.2 Providing and applying spray painting in two coats (Excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with lat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	sqm
20	KSRRB 800-1 painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification	sqm
TOTAL		

Certificates:

- 1 The above work is done satisfactorily and complete in all respect
- 2 There is no department Material issue for the above work
- 3 This works comes under BBMP Limit

Previous Measurement		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	412.20 ✓	65.72 ✓	27090.00 ✓	412.20	27090.00 ✓	
-	-	189.56 ✓	86.92 ✓	16477.00 ✓	189.56	16477.00 ✓	
-	-	329.76 ✓	80.56 ✓	26565.00 ✓	329.76	26565.00 ✓	
-	-	380.90 ✓	166.42 ✓	63389.00 ✓	380.90	63389.00 ✓	
-	-	571.70 ✓	100.00 ✓	57170.00 ✓	571.70	57170.00 ✓	
-	-	43.35 ✓	665.68 ✓	28857.00 ✓	43.35	28857.00 ✓	
-	-	82.44 ✓	2100.00 ✓	173124.00 ✓	82.44	173124.00 ✓	
-	-	23.12 ✓	974.14 ✓	22522.00 ✓	23.12	22522.00 ✓	
-	-	2.42 ✓	5598.92 ✓	13549.00 ✓	2.42	13549.00 ✓	
-	-	135.00 ✓	331.78 ✓	44790.00 ✓	135.00	44790.00 ✓	
-	-	1693.50 ✓	3.18 ✓	5385.00 ✓	1693.50	5385.00 ✓	
-	-	137.30 ✓	1665.26 ✓	228640.00 ✓	137.30	228640.00 ✓	
-	-	199.96 ✓	1768.08 ✓	353545.00 ✓	199.96	353545.00 ✓	
-	-	915.33 ✓	27.56 ✓	25226.00 ✓	915.33	25226.00 ✓	
-	-	58.35 ✓	6435.26 ✓	375497.00 ✓	58.35	375497.00 ✓	
-	-	2438.15 ✓	14.84 ✓	36182.00 ✓	2438.15	36182.00 ✓	
-	-	97.88 ✓	7270.54 ✓	711640.00 ✓	97.88	711640.00 ✓	
-	-	94.54 ✓	464.28 ✓	43893.00 ✓	94.54	43893.00 ✓	
-	-	195.20 ✓	27.56 ✓	5380.00 ✓	195.20	5380.00 ✓	
-	-	195.20 ✓	63.60 ✓	12415.00 ✓	195.20	12415.00 ✓	
				2271336.00 ✓		2271336.00 ✓	
				204420 ✓		204420 ✓	
				2475756 ✓		2475756 ✓	

9% KRIDL Service Charge
Grand total

At the

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Yak. Zn)
Yelahanka, Bangalore